



Career Compass: Profession Profile Project

Navigating career options to direct your education journey.

Name _____

Use the following career exploration websites to identify key information around a career you are interested in:

 MyNextMove.org

 Bureau of Labor Statistics (bls.gov/k12)



Career Title 

Alternative/Similar
Job Titles 



Career Description

What are the job responsibilities for this career? What activities might a typical day include?



Personal Skills

What personal skills (i.e. personality traits) do you need for this job?



Knowledge & Ability Skills

After learning about what you will do for this career, list the skills you will need?



Types of Classes

What courses or classes will be needed to pursue this career?



Education

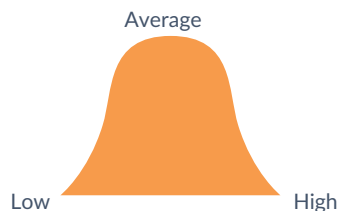
What level education is needed for this career?

- ☐ Highschool Degree
- ☐ Associates Degree
- ☐ Bachelors Degree
- ☐ Masters Degree
- ☐ Doctorate
- ☐ Certification(s): _____



Salary

According to your research, what is the lowest salary outlook for this career?



Technology

What technology skills, software, and hardware knowledge is needed for this job?



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Identified Companies

Visit a job posting site (such as *Monster.com* or *Indeed.com*) and identify at least three different companies that are looking for this career.

| Company Name & Location | Requirements (pick one that stood out) | Salary (if listed) | Industry |
|-------------------------|---|-----------------------|----------|
| | | | |
| | | | |
| | | | |
| | | | |



Local Job Search

What does the job outlook look like within a 50 mile radius of your current location? 100 mile radius? How many jobs showed up during your search?



Industries

What industries are hiring this career field?



In Conclusion



Career Evaluation

After reviewing job descriptions and various companies that offer this position, list pros and cons to this career. (Ex. Hours, salary, work environment, education, travel, etc..)



Pros

Cons



Final Thoughts

Based on your research, would this be a career field or position you would consider? Why or why not?



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Use the following career exploration websites to identify key information around a career you are interested in:

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Career Title 

Cybersecurity Specialist

Alternative/Similar
Job Titles



Information Security Officer, Information Technology Specialist, Information Systems Security Officer, Network Security Analysis



Career Description

What are the job responsibilities for this career? What activities might a typical day include?

The profession is responsible for planning, implementing, upgrading, and monitoring all security measures for protecting data, networks, and other information. This job role would also be responsible for responding to security breaches or viruses. So, in response, this job may be responsible for developing measures to protect data, software, hardware, etc., including encrypting data, erecting firewalls, protecting confidential information and file transfers. This role will continuously monitor systems to make sure all is protected and secure and respond to any emergencies.



Personal Skills

What personal skills (i.e. personality traits) do you need for this job?

Attention to detail, ability to listen to others, dependability, analytical thinking, cooperation, adaptability, flexibility, integrity



Knowledge & Ability Skills

After learning about what you will do for this career, list the skills you will need?

Engineering and technology (computers & electronics), business (management, customer service), communication skills

Ability to listen to others, strong writing and verbal skills, reading & writing, problem solving, figuring out systems, and collaborating



Types of Classes

What courses or classes will be needed to pursue this career?

- eDL Principles of IT 1a & 1b
- eDL Network Security Fundamentals 1a & 1b
- eDL Operational Cybersecurity 1a & 1b

Certifications: iC3, Network+, CompTIA Security+, MTA Security



Education

What level education is needed for this career?

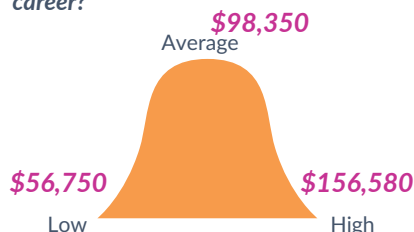
- ☐ Highschool Degree
- ☐ Associates Degree
- ☒ Bachelors Degree
- ☐ Masters Degree
- ☐ Doctorate

☒ Certification(s):
Certain software or hardware certifications may be needed



Salary

According to your research, what is the lowest salary outlook for this career?



Technology

What technology skills, software, and hardware knowledge is needed for this job?

- Security and virus protection (McAfee, Symantic, etc.)
- Network monitoring software (Nagios, Wireshark, etc.)
- Dev software (C, Powershell, etc.)



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Identified Companies

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| Company Name & Location | Requirements (pick one that stood out) | Salary (if listed) | Industry |
|---------------------------------|---|-----------------------|------------|
| Charles Schwab; Westlake, TX | Update & draft process documents for IAM processes. Identify areas where Robotic Process Automation (RPA) can be used | N/A | Finance |
| Deloitte; San Antonio, TX | Develop Persistent Readiness Training environments for cyberspace. | N/A | Government |
| Samsung Electronics; Austin, TX | Assisting w/ identification of security incident remediation plans. Providing employee training on these items | N/A | Technology |
| JP Morgan Chase; Plano, TX | Social media research and background investigations, analytical assessments & strategic threats of concern | N/A | Finance |



Local Job Search

What does the job outlook look like within a 50 mile radius of your current location? 100 mile radius? How many jobs showed up in during your search?

Within 50 miles, there are 179 current open positions for this job title and related titles. Within 100 miles, there are 309 positions.



Industries

What industries are hiring this career field?

A wide range! From finance, technology, to government sectors. All industries are hiring cybersecurity specialists – and in all companies large and small.



In Conclusion



Career Evaluation

After reviewing job descriptions and various companies that offer this position, list pros and cons to this career. (Ex. Hours, salary, work environment, education, travel, etc..)



Pros

- Looks like a lot of job openings (security)
- Can make a good living
- I wouldn't be limited to working in a specific industry
- A lot of options of how much schooling I want to pursue. (I found a couple of companies that didn't require college, but the big companies did require a bachelors and various certifications.)
- It also looks like I can live in a lot of different places since jobs are located everywhere.



Cons

- Because of the wide range of different job requirements – including school and certifications – I have a lot of choices that I need to make to decide if I want to specialize or not. Or what type of company I want to work for.



Final Thoughts

Based on your research, would this be a career field or position you would consider? Why or why not?

While researching different job postings, I found that there are a lot of job opportunities for this career. Not only in different industries, but in companies small and large. I also found a wide range of requirements. Not all companies were asking for college degrees. And a lot of companies also listed out specific certifications for different software and security monitoring software. I will need to look into these different certifications more to see if I want to specialize in certain areas.

After all the research I've done, I am now more excited about this career because it looks like many of the requirements align to my interests and goals with school and career. It also looks like a very secure field to pursue and will continue to grow with job openings with more companies using technology.